

APPENDIX A

DESCRIPTION OF OTHER NUTRIENT OFFSET PROGRAMS

A.1 Arlington County, VA

Arlington County requires stormwater treatment for all projects over 2,500 square feet that are covered by Virginia's Chesapeake Bay Preservation Ordinance. To comply with stormwater requirements, an applicant calculates the overall pollutant removal requirements for the site using a Stormwater Requirements Worksheet. On-site stormwater treatment is required for any impervious surfaces with which vehicles come into contact on the site, including but not limited to: parking areas; streets and roadways; loading docks; equipment, material, and waste storage areas; and vehicle fueling, washing, storage, maintenance, and repair areas. If the total pollutant removal requirements for the site cannot be met solely with on-site stormwater treatment, compliance can be achieved through approved combinations of additional on-site stormwater treatment for roofs, plazas, and other areas of the development site; on-site stormwater treatment for off-site areas, or a contribution to the County's Watershed Management Fund.

The Watershed Management Fund provides applicants with the option to contribute a fee-in-lieu program to comply with treatment requirements for nonvehicular areas. The intent of the hybrid on-site stormwater treatment practice/fee-in-lieu program is to recognize that most of the watershed impacts in Arlington County are due to the existing development already in the County. The Watershed Management Fund is used to address existing impacts through larger-scale watershed protection projects such as stream restoration, regional BMP retrofits, monitoring, and outreach and education. The contribution rate of \$2.50 per impervious square foot of impact area only covers 40 to 60% of the total opportunity cost of BMP design, installation, and maintenance and is discounted to reflect the increased cost-effectiveness of watershed-scale solutions and the regional water quality from infill development in urban areas like Arlington.

A.2 Austin, TX, Urban Watershed Structural Control Fund

The City of Austin, TX, requires that, for all levels of impervious cover, projects in the designated urban watersheds must provide water quality controls when the cumulative total of both new and redeveloped impervious cover exceeds 5,000 square feet. The City provides a fee-in-lieu-of option to land developers as an alternative to providing on-site water quality improvement facilities in these urban watersheds. The fees are referred to as Urban Watersheds Structural Control Fund (UWSCF) fees and are based on a set of formulas from Appendix T of